









with picturesque villa, ascended by a cable-tramway, and crowned by a signal station. Under its shadow works of magnificent engineering skill have been constructed; the aeriform is one long wall of massive masonry, terrace on terrace of architecture rise above it, and great aqueducts stretch along the hillside—all conceived by men born ten thousand miles away. But one of the greatest works the colony can boast of is on the other side of the island, hidden behind the undulating hills; for five and a half years it has been incessantly proceeding, and if all we hear be true, another month will see the last spadeful of earth turned and the finishing stroke of the chisel.

The Tytani reservoir was begun in April, 1887. The site selected seemed intended by Nature for the storage of water; there is a splendid watershed, a dozen springs flow into the valley, the gully leading out of it is easily dammed, and it is at a sufficient height to give a strong pressure. The first thing done was to dig the foundations of the dam, at a place about five hundred feet wide. The rocky bottom meeting comparatively easy, at its simply needed to be brought to give the superstructure a hold. On the top of the engineers ran concrete, the area covered being about 300 ft. long and 90 ft. wide. This was faced at the sides with stone, so that now it is completed it is really one vast block of concrete in a shell of stone. Seventy thousand cubic yards of concrete were used for this gigantic work. It is built in tiers, narrowing to the top, where it is only about 25 feet broad, and looks like a colossal, solid, Tibetan bridge; it is only galled in magnitude by three or four other dams, and there is a sheet of water filling the grassy basin to the extent of about thirty acres. In the middle, it is 120 ft. deep, so the great weight of water—four hundred million gallons—which the dam has to bear, shows the necessity for its tremendous dimensions. The supply is obtained through a large main, directly controlled by five valves, and indirectly by two others. When one or more of these sluices is open the water rushes down through the bottom of the dam and along a short main to the entrance of the Tytani tunnel. Here is another stupendous piece of work. For a mile and a half, through solid rock, a tunnel averaging six feet by seven has been bored, the bearings being taken so truly by the workmen at each end that they met exactly. The western end took longest, the rock there being harder. The boring was kept straight by taking sights with lights. Each end is ornamented by a handsome carved facing in the Norman style, that at the Reservoir end being especially fine. Before the water enters the tunnel it is roughly filtered in a small horse-shoe basin, into which it bubbles from the bell of the first main. After leaving the tunnel it is conveyed by the Conduit three miles long, another splendid example of engineering skill, to the Albany, where it passes over the filter-bed and is cleared by percolating through banks of gravel that have already been thoroughly washed. From there it runs into the service Reservoir. Up to this point everything is practically finished, all that still requires to be done being the completion of the overflow-weir at Tytani, and the straightening-up of the place generally.

But in following the water to the Albany we have overlooked a very substantial portion of the work at the fountain-head. Quite away from the dam the soil has been excavated to the level of the water, paved, and a substantial stone bridge created over it. Here the surplus water will run away. The sides of the cutting are strongly banked with stone, and in several places large stone drains, like a mon-ladders in appearance, have been built to take off the surface-water. Some good roads have been constructed, and when the bare places on the sides of the nullah have been nicely turfed over the place will be a picture. It will have the advantage of being exceedingly useful. Whilst it lasts there will be no lack of good, drinkable water. To-day we get about five gallons per head from Pokfulam; when the Tytani supply is available we shall have five times as much more in the driest season. All that is wanted now is to complete the laying of the mains. Already they are being put down, and when Queen's Road has been reached, all will be ready for the golden key, the speecifying, and other ceremonial. But this arrangement will only be temporary. Next year an elaborate scheme for the distribution of the water will be formulated, the whole system will be re-organised, and then all Hongkong will have to consider on this head for the next two or three generations will be how to pay for the great Reservoir.

#### OUR MACAO LETTER.

Macao, August 31st, 1888.

The leading event of the day is the dissolution, by Governor da Costa, for the second time within a few weeks, of the Municipal Chamber of this city, the members of which were only re-elected on Sunday last. The Grand Pasha's firm sending the Municipality to Hades was addressed yesterday to the President of the Senate and has been published in the *Government Gazette*. The document is dated the 29th inst., and was presented, signed, and printed a week before. It was His Excellency's intention to send his congratulations to the Corporation on the very day it was elected, by ordering its instant dissolution; but some one is reported to have advised him to wait till the members had taken charge of their offices and then to send them about their business. Senhor D. Pacheco, the President of the Chamber, having addressed an official letter to His Excellency informing him of the re-election of the old Corporation, received in reply a large-sized envelope covering a printed number of the *Boletim do Governo*, wherein was published the decree of dissolution, and an order providing for another election to take place on the 23rd September.

We are anxiously waiting for the comments of the Lisbon press on Governor da Costa's mad freaks, and should not be surprised to hear of his being unceremoniously superseded at no distant date in the Governorship of Macao, just as his brother has been relieved of the hard task of governing Timor.

Senhor Costa Duarte, Colonial Secretary, and chief adviser of our military autocrat, leaves here for Lisbon shortly.

No fresh cases of cholera are reported from the fazarettes.

#### SUNKEN TREASURE.

A PHILADELPHIAN GOING OUT TO FISH UP \$2,000,000.

"Before two months shall have passed," said Dr. Seth Pancoast the other night, "I propose to land in Philadelphia \$2,000,000 worth of gold and silver bars and precious stones now lying in the bottom of the Atlantic Ocean, the treasure of the sunken English ship of war *De Braak*, which was wrecked in 1798." The main obstacle heretofore to locating the wreck, the doctor says, has been the variation of the meridian, which has been accurately solved by Lieutenant Commander Adams of the United States Navy, who has been granted leave of absence by the Secretary of the Navy to further prosecute the search of the *De Braak*. He will act as the chief of the expedition, which is the second one fitted out by Dr. Pancoast to search for the wreck.

The steamboat *Long Branch* of New York has been chartered for this expedition, and after undergoing repairs she will take on board a full complement of submarine divers, experts, and officers in charge of Lieutenant Adams. Everything will be under strict navy discipline. The spot where the wreck is said to be is about a half mile off the point of Cape Henlopen, and the powerful pumps from the steamer it is expected that the mud will first be washed away, and then the divers will land the bars of precious metal on the deck of the *Long Branch*. A revenue cutter will be asked for to protect the treasure. The headquarters of the expedition will be at Cape May Point.

The *De Braak*, in which the treasure is supposed to be buried, sailed from Falmouth on June 3, 1797, for the British West Indies. She was commanded by Captain Drew, with a complement of eighty-six men, and in the following May arrived off the Delaware capes. While under mainsail and reefed topsail she captured and sank the Spanish ship and thirty-eight officers and seamen. The rest of the crew escaped in the ship's boat and a pilot boat, which was waiting to take the pilot ashore. Two hundred Spanish prisoners also went down at the same time. The *De Braak* was a licensed privateer under the English flag, and while on her journey across the ocean overhauled two prizes, both loaded with the specie which Dr. Pancoast and Lieutenant Adams will endeavour to bring from the bottom of the ocean.—*Philadelphia Record*.

#### THE "BOOM" IN COMPANY PROMOTING IN MELBOURNE.

Speculation (says the Melbourne Age) has developed to an extraordinary extent in Victoria during the past eighteen months. Even prior to this period the land fever commenced and proceeded at a merry pace, and is still continuing. The "boom" in silver followed. New companies were put upon the market in almost countless numbers, and these represented, before the crash in silver stocks occurred last month, a nominal market value of £30,000,000. Alongside of the new mining fields there has also been a tremendous boom in what may be described as miscellaneous stocks—embracing land, property, finance, agency and trading companies. On the Stock Exchange this class of venture is euphemistically called "investment stocks." Between the 31st May, 1887, and 31st May, 1888, no fewer than 270 new trading companies of one sort or another were registered in Melbourne, with an aggregate nominal capital of £50,000,000. Amongst these registrations there were only some half-dozen silver companies, as will be seen by the appended list. If the nominal value of the silver stocks be added to the new miscellaneous trading ventures floated since May, 1887, this extraordinary fact is ascertained, namely, that within one year the stock and share market has been asked to absorb £80,000,000 worth of scrip!

It is well known, however, that hardly a single public company registered in the colony calls upon shareholders to pay up its full capital at the birth of the venture. The £50,000,000 represented by the 270 new companies is therefore only a nominal liability; the amount of capital actually subscribed will probably not exceed a fourth of this amount. Nevertheless, the public stands pledged to the enormous liability already stated. What percentage of these new companies will remain in existence a twelve month hence it is impossible to say, and equally problematical is the prospect of a fair rate of interest being earned by these "investment" stocks. Undoubtedly, the promoter is having a glorious time of it at present; but after perusing the return recently submitted to the Legislative Assembly showing the enormous number of new floats in a single year, the question naturally occurs, How many of these ventures are likely to pay satisfactory dividends to the shareholders? The wonderful buoyancy of the stock and share market is shown by the readiness with which this extraordinary amount of scrip has been taken up. The registration of additional new companies comes to this day, so that the "boom" in floating joint stock companies is not over yet. On the contrary, the professional promoter is still very much to the fore, and is almost daily launching new concerns, which on paper represent such a vast amount of capital that sober-minded people rub their eyes in wonder and ask themselves the question whether there has been a sudden influx of auriferous Rothschilds, or whether this "boom" is only a more intensified phase of the speculative mania which has hitherto been peculiar to gold mining.

AN Important Discovery is announced in the *Paris Figaro*, of a valuable remedy for nervous debility, physical exhaustion, and premature decay. The discovery was made by a missionary in Old Mexico; it saved him from a miserable existence and an early grave. We learn that the Rev. Joseph Holmes, Bloomsbury Mansions, Bloomsbury Square, London, W.C., will send the prescription, free of charge, on receipt of a self-addressed stamped envelope.

#### CHINA COAST METEOROLOGICAL REGISTER.

30th August 1888.—At 4 p.m.									
STATION	Barom.	Therm.	Humid.	Wind	Force	Dir.	Wave	State	Remarks
Victoria	30.1	74	64	SW	3	0	0	0	
Hongkong	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	

31st August, 1888.—At 10 a.m.									
STATION	Barom.	Therm.	Humid.	Wind	Force	Dir.	Wave	State	Remarks
Victoria	30.1	74	64	SW	3	0	0	0	
Hongkong	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	

The barometer has risen in southern Japan, and gradients are slight for south-west winds. Cloudy but warm and fine weather generally.

Barometer reduced to level of the sea in inches, tenths and hundredths. Temperature in the shade in degrees Fahrenheit. Direction of wind in points. Force of the wind according to Beaufort's scale. State of the sky in words. Direction of the wind in points. Force of the wind according to Beaufort's scale. State of the sky in words.

#### HONGKONG TEMPERATURE.

(From Messrs. Falconer & Co.'s Register.)									
STATION	Barom.	Therm.	Humid.	Wind	Force	Dir.	Wave	State	Remarks
Victoria	30.1	74	64	SW	3	0	0	0	
Hongkong	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	
Shanghai	30.1	74	64	SW	3	0	0	0	
Amoy	30.1	74	64	SW	3	0	0	0	
Swatow	30.1	74	64	SW	3	0	0	0	

#### Today's Advertisements.

THE "GIBB" LINE.  
FOR SYDNEY AND MELBOURNE.  
(Calling at Port Darwin, Queensland Ports, and taking through cargo for ADELAIDE, TASMANIA, NEW ZEALAND, &c.)  
THE British Steamer

"DELCOMYN,"  
Captain Ekins, due shortly with part cargo from Japan and Foochow, will be despatched as above on or about the 8th proximo.  
To be followed by the S.S. "TARTAR" on or about 20th idem.  
For Freight or Passage, apply to  
GIBB, LIVINGSTON & Co.,  
Hongkong, 31st August, 1888. [856]

MISSING.  
FROM PEDDER'S HILL, A COCKATOO.  
The finder will oblige by returning it to the  
OFFICE OF THIS PAPER.  
Hongkong, 31st August, 1888.

CLERK WANTED.  
APPLY by letter only with Copies of testimonials to  
T. V.  
c/o Hongkong Telegraph Office.  
Hongkong, 31st August, 1888. [857]

JAPANESE BEER.  
FROM THE JAPAN BREWERY COMPANY LIMITED, Yokohama.  
In Cases of 4 Dozen Quarts ..... \$5.00  
For Sale by  
LANE, CRAWFORD & Co.,  
Agents.  
Hongkong, 31st August, 1888. [854]

TO LET.  
NO. 3, WEST TERRACE, Entry, 1st October next.  
Apply to  
G. C. ANDERSON,  
13, Praya Central.  
Hongkong, 31st August, 1888. [845]

FOR SALE, CHEAP.  
SEVERAL RELIABLE HACKS AND CARRIAGE PONIES.  
Also,  
A First-class London made DOG-CART AND THREE BASKET CARRIAGES, all in good order.  
For Particulars, Apply to  
No. 6, PEDDER'S HILL.  
Hongkong, 20th May, 1886.

#### Masonic.

ZETLAND LODGE, No. 525.  
A REGULAR MEETING of the above LODGE will be held in FREEMASONS' HALL, Zealand Street, on TUESDAY NEXT, the 1st September, at 8.30 for 9 P.M. precisely. Visiting Brethren are cordially invited.  
Hongkong, 29th August, 1888. [843]

#### Notices of Firms.

NOTICE.  
A. G. SMITH, D.D.S., will take entire Charge of the DENTAL PRACTICE of the Undersigned during Dr. KIMBALL'S temporary absence, and is duly authorized to Sign the Firm.  
WINN & KIMBALL.  
Hongkong, 23rd August, 1888. [824]

NOTICE.  
I HAVE This Day established myself as a SHIP CHANDLER, STOREKEEPER, SAIL-MAKER, AUCTIONER, SHIPS' COMPRADORE, and GENERAL COMMISSION MERCHANT at this Port, in the Premises lately occupied by Messrs. C. GERARD & Co.  
J. G. GÖTZ.  
Amoy, 17th August, 1888. [842]

NOTICE.  
WE have admitted Mr. DAVID AARON GUBBAY a PARTNER in our firm in Hongkong and China from 1st January, 1888.  
E. D. SASSOON & Co.  
Hongkong, 28th August, 1888. [841]

NOTICE.  
WE have admitted Mr. HARRY WILLIAM DICK a PARTNER in our firm in Hongkong.  
W. HEWETT & Co.  
Hongkong, 27th August, 1888. [838]

#### To be Let.

TO BE LET, FROM 1ST SEPTEMBER, FOR 2 MONTHS.  
A WELL FURNISHED 1st Floor Flat in BLUE BUILDINGS.  
For Particulars, apply to  
Messrs. HOLLIDAY, WISE & Co.,  
Ice House Lane.  
Hongkong, 24th August, 1888. [827]

TO LET.  
ROOMS in "COLLEGE CHAMBERS."  
GODOWN in ICE HOUSE LANE, lately occupied by Messrs. BUTTERFIELD & SWIRE, from the 1st August.  
Apply to  
DAVID SASSOON, SONS & Co.  
Hongkong, 12th July, 1888.

MACAO.  
TO BE LET UNFURNISHED OR PARTLY FURNISHED.  
A BUNGALOW, opposite the Public Gardens, at the western end of the Praya Grande. Excellent water supply, and Servants' quarters attached. Rent very moderate.  
Apply to  
A. A. DE MELLO & Co.,  
Macao.  
Macao, 3rd April, 1888. [848]

#### Intimations.

HONGKONG AND SHANGHAI BANKING CORPORATION.  
OLD or BROKEN NOTES will be EXCHANGED for new ones on application at the Offices of the Corporation.  
For the HONGKONG AND SHANGHAI BANKING CORPORATION.  
T. JACKSON,  
Chief Manager.  
Hongkong, 29th August, 1888. [845]

CHINA MERCHANTS' STEAM NAVIGATION COMPANY'S DEBENTURE LOAN OF 1886.  
4th DRAWING.

NOTICE is hereby given that in conformity with the Stipulations contained in the BONDS of this LOAN, the following Numbers of Bonds to be paid off at the Offices of the HONGKONG AND SHANGHAI BANKING CORPORATION on the 1st September, 1888, when the Interest thereon will cease to be payable, were this day drawn at the Office of the said Corporation in Hongkong, in the presence of WILLIAM HENRY GASKELL Acting Chief Accountant of the said Corporation.

NUMBERS OF BONDS DRAWN.									
170 BONDS NOS.									
18	22	37	58	81	96	109	140	148	169
140	148	169	170	265	334	339	270	273	290
270	273	290	379	379	383	383	379	400	424
379	400	424	444	457	471	487	520	523	514
520	523	514	563	584	610	621	640	659	676
640	659	676	701	703	713	744	763	785	791
763	785	791	817	840	863	879	892	904	920
892	904	920	942	960	975	1007	1024	1034	1051
1024	1034	1051	1062	1076	1102	1117	1140	1158	1186
1140	1158	1186	1193	1208	1235	1251	1262	1282	1311
1262	1282	1311	1315	1343	1359	1383	1394	1414	1432
1394	1414	1432	1447	1464	1484	1490	1497	1501	1515
1497	1501	1515	1532	1562	1579	1588	1607	1611	1620
1607	1611	1620	1644	1666	1669	1700	1714	1733	1749
1714	1733	1749	1763	1798	1814	1820	1852	1869	1872
1852	1869	1872	1894	1910	1930	1944	1970	1995	2013
1970	1995	2013	2025	2035	2051	2059	2093	2119	2138
2093	2119	2138	2143	2172	2185	2194	2220	2236	2253
2220	2236	2253	2270	2293	2317	2331	2330	2360	2391
2330	2360	2391	2400	2427	2437	2447	2472	2490	2508
2472	2490	2508	2520	2540	2562	2588	2596	2610	2633
2596	2610	2633	2651	2676	2685	2700	2730	2741	2767
2730	2741	2767	2785	2783	2805	2826	2843	2865	2886
2843	2865	2886	2894	2924	2933	2953	2976	2996	...

FOR £100 EACH = £17,000.  
For the HONGKONG AND SHANGHAI BANKING CORPORATION,  
W. H. GASKELL,  
Acting Chief Accountant.  
Hongkong, 13th July, 1888. [846]

#### NOTICE.

ROSE & Co. beg to inform the Community of Hongkong that in order to facilitate their STOCK-TAKING the DOOR of their STORE will be CLOSED from SATURDAY, the 1st September to a few days after.  
Due notice will be given when re-opening again. Important and Special Orders can be sent in by the dwelling house entrance, next door to Messrs. Wotton & Deacon, Solicitors.  
Hongkong, 29th August, 1888. [847]

HONGKONG AND WHAMPOA DOCK COMPANY, LIMITED.  
NOTICE TO SHAREHOLDERS.

THE DIVIDEND of 3% or \$3.75 per Share for the six months ended 30th June, 1888, declared at Today's Ordinary Half-yearly Meeting, will be payable at the Premises of the HONGKONG AND SHANGHAI BANKING CORPORATION on and after TUESDAY, the 28th inst., and Shareholders are requested to apply for Warrants at the Company's Office No. 14, Praya Central, Hongkong.  
By Order of the Board of Directors,  
D. GILLIES,  
Secretary.  
Hongkong, 27th August, 1888. [837]

HONGKONG AND SHANGHAI BANKING CORPORATION.  
NOTICE TO SHAREHOLDERS.

THE DIVIDEND declared for the half-year ending 30th June last at the rate of (1.10) One Pound and Ten Shillings Sterling per Share of £125 is Payable on and after MONDAY, the 27th inst., at the Offices of the Corporation, where Shareholders are requested to apply for warrants.  
By Order of the Court of Directors,  
T. JACKSON,  
Chief Manager.  
Hongkong, 25th August, 1888. [831]

FOR HIRE.  
THE Fast Steam Launch "ELK" is always kept under steam off Pedder's Wharf and is at the service of the public for proceeding to and from Steamers, Picnic and Bathing Parties, etc.  
For particulars, apply to  
CRICKSHANK & Co., Ltd.  
Hongkong, 17th August, 1888. [801]

COLLEGE OF MEDICINE FOR CHINESE.  
RESIDENTS in the Colony would materially aid the Senate of the College by forwarding to the ALICE MEMORIAL HOSPITAL (1.) GLASS JARS (for Museum purposes). (2.) ILLUSTRATED PAPERS and BOOKS for the Student's Reading Room and Library.  
Address—JAMES CANTLIE,  
Hon. Sec. to the College.  
Hongkong, 7th August, 1888. [773]

BOWRINGTON FOUNDRY, EAST POINT, HONGKONG.  
A. G. GORDON & Co.

A. G. GORDON & Co. are prepared to undertake every description of ENGINEERING and SHIP-BUILDING WORK, both afloat and ashore, on most reasonable terms.  
PUNCTUALITY AND FIRST CLASS WORKMANSHIP GUARANTEED.  
ESTIMATES FURNISHED FOR THE CON



